



Weston Solutions, Inc.  
4710-A Interstate Drive  
Cincinnati, OH 45246  
[www.westonsolutions.com](http://www.westonsolutions.com)

EPA Region 5 Records Ctr.



353245

February 17, 2010

Mr. Steven L. Renninger  
On-Scene Coordinator  
Emergency Response Branch  
U.S. Environmental Protection Agency, Region V  
26 West Martin Luther King Drive, Office G-41  
Cincinnati, OH 45268

**Subject: Final Letter Report  
Monroe Transformer Site  
Monroe, Butler County, Ohio  
Technical Direction Document No.: S05-0001-0911-023  
Document Control No.: 861-2A-ASFM  
WESTON START Contract No. EP-S5-06-04**

Dear Mr. Renninger:

The Weston Solutions, Inc. (WESTON®), Superfund Technical Assessment and Response Team (START) prepared this letter report in accordance with the requirements of Technical Direction Document (TDD) No. S05-0001-0911-023, which the U.S. Environmental Protection Agency (U.S. EPA) assigned to START. This letter report discusses an investigation to determine if polychlorinated biphenyl (PCB)-containing transformers were buried in the northwest corner of the former LeSourdsville Lake Amusement Park located at 5757 Hamilton-Middletown Road, in Monroe, Ohio (the Site). Attachment A presents the Site Location Map.

The scope of the TDD included the following:

- Assist the U.S. EPA Environmental Response Team (ERT) in conducting a geophysical survey, and outline any metallic anomalies that the ERT determined to be present
- Generate a safety plan and a sampling plan for on-site activities
- Procure a tracked mini-excavator, and provide an operator to excavate trenches at metallic anomalies observed by the ERT during its geophysical survey
- Sample any transformers or other containers observed during excavation activities
- Collect soil samples from the excavation trenches
- Procure a commercial laboratory
- Submit all samples collected to the laboratory for analysis
- Generate a final letter report



Mr. Steven Renninger  
U.S. EPA

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Monroe Transformer Site  
February 17, 2010

This letter report discusses the Site background, geophysical survey, excavation and sampling activities, and soil sample results.

## **BACKGROUND**

The Site is the location of the LeSourdsville Lake Amusement Park, a small amusement park which was in operation from May 1922 to September 2002. Although a portion of the property has been converted into a recreational vehicle dealership, much of the amusement park remains inactive.

A former employee of the former LeSourdsville Lake Amusement Park alleged that a previous owner had buried up to six PCB transformers of various sizes on a bluff next to Gregory Creek. A 250- by 60-foot area was identified as the target area for the geophysical survey, excavation, and sampling based on information provided by the former employee (see Attachment B). On November 18, 2009, the U.S. EPA Land and Chemical Division requested assistance from the U.S. EPA Superfund Division to investigate the allegation.

On November 24, 2009, the current property owner signed an access agreement for U.S. EPA to conduct a geophysical survey and excavation and sampling operations in the target area. U.S. EPA On-Scene Coordinators (OSC) Steve Renninger and Shelly Lam and START conducted an initial site reconnaissance. During the site reconnaissance, the target area was used for machinery and debris storage. A 55- by 22-foot storage shed was located on site. The Great Miami River bordered the target area to the north, and Gregory Creek bordered the target area to the west.

## **GEOPHYSICAL SURVEY**

On December 8, 2009, the U.S. EPA ERT conducted a geophysical survey in the target area using a Geonics EM31-MK2. The EM31-MK2 is a ground conductivity meter that can measure subsurface conductivity and metallic anomalies to an effective depth of approximately 18 feet below ground surface. The ERT located two areas containing subsurface metallic anomalies, Areas A and B. START marked the borders of the metallic anomalies for future excavation using a Trimble global positioning system (GPS) and pin flags. Attachment B shows the Geophysical Survey Summary Map.

## **EXCAVATION AND SAMPLING ACTIVITIES**

On December 16, 2009, START conducted excavation and sampling activities at the two metallic anomaly areas identified during the geophysical survey. Area A was excavated to 8 feet below ground surface (bgs). Area B was excavated to 14 feet bgs. No evidence of buried transformers was observed in either area. Areas A and B contained items such as rollercoaster carts, hot-water heaters, and fence posts, which are consistent with amusement park operations. Attachment C provides a photographic log documenting Site conditions and excavation and sampling activities.

U.S. EPA tasked START to collect two composite soil samples from the excavated soil to determine if the excavated areas were contaminated with PCBs. The two soil samples were submitted to Test America of Dayton, Ohio, for PCB analysis. Attachment D provides the Sampling Location Map.



Mr. Steven Renninger  
U.S. EPA

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Monroe Transformer Site  
February 17, 2010

## SOIL SAMPLE RESULTS

In accordance with the Toxic Substances Control Act (TSCA) regulations promulgated under Title 40 of the *Code of Federal Regulations*, Part 761.125 (a), "the reporting, disposal, and precleanup sampling requirements...apply to all spills of PCBs at concentrations of 50 ppm or greater which are subject to decontamination requirements under TSCA." Soil sample MTS-S1-121609 contained Aroclor 1254 at a concentration of 0.295 milligram per kilogram (mg/kg) and less than 0.110 mg/kg of all the other Aroclors tested. Soil sample MTS-S2-121609 contained less than 0.117 mg/kg of all Aroclors tested. Attachment E provides a summary of the analytical results and a copy of the data validation report. The sample results indicate that the soils tested are not contaminated with PCBs and are not subject to hazardous waste regulation.

This letter report serves as the final deliverable for this TDD. START anticipates no further activities under this TDD. If you have any questions or comments about the report or need additional copies, please contact me at (937) 602-3089.

WESTON SOLUTIONS, INC.

Sincerely,

A handwritten signature in black ink, appearing to read "Randy Kirkland". The signature is fluid and cursive.

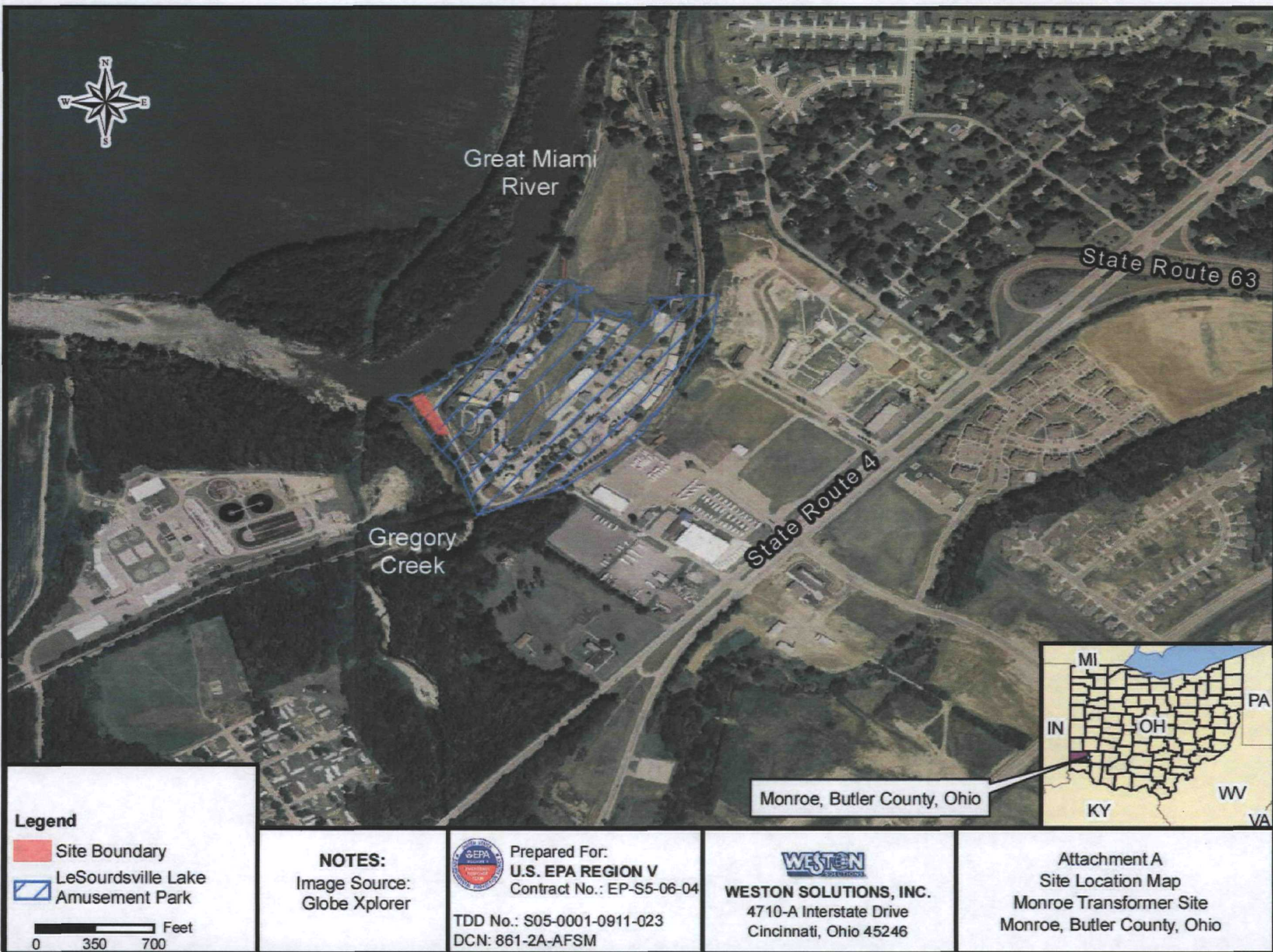
Randy Kirkland  
WESTON START Project Manager

### Attachments

- A – Site Location Map
- B – Geophysical Survey Summary Map
- C – Photographic Documentation
- D – Sampling Location Map
- E – Analytical Results Summary and Data Validation Report

cc: WESTON START DCN File

**ATTACHMENT A**  
**SITE LOCATION MAP**



**ATTACHMENT B**  
**GEOPHYSICAL SURVEY SUMMARY MAP**







Great Miami  
River

Gregory  
Creek

Monroe, Butler County, Ohio



#### Legend

-  Site Boundary
-  Area A
-  Area B
-  Storage Shed

0 25 50 Feet

#### NOTES:

Image Source:  
Globe Xplorer



Prepared For:  
**U.S. EPA REGION V**  
Contract No.: EP-S5-06-04

TDD No.: S05-0001-0911-023  
DCN: 861-2A-AFSM



**WESTON SOLUTIONS, INC.**  
4710-A Interstate Drive  
Cincinnati, Ohio 45246

Attachment B  
Geophysical Survey Summary Map  
Monroe Transformer Site  
Monroe, Butler County, Ohio

**ATTACHMENT C**  
**PHOTOGRAPHIC DOCUMENTATION**



**Site:** Monroe Transformer Site  
**Photograph No.:** 1  
**Direction:** Northwest  
**Subject:** Northwest portion of target area

**Date:** 11/24/09  
**Photographer:** Randy Kirkland



**Site:** Monroe Transformer Site  
**Photograph No.:** 2  
**Direction:** Southeast  
**Subject:** Southeast portion of target area with amusement park in background

**Date:** 11/24/09  
**Photographer:** Randy Kirkland



**Site:** Monroe Transformer Site

**Photograph No.:** 3

**Direction:** Southeast

**Subject:** Target area south of storage shed, with amusement park in background

**Date:** 12/8/09

**Photographer:** Randy Kirkland



**Site:** Monroe Transformer Site

**Photograph No.:** 4

**Direction:** North

**Subject:** Area A anomaly area identified by U.S. EPA ERT

**Date:** 12/8/09

**Photographer:** Randy Kirkland



**Site:** Monroe Transformer Site

**Photograph No.:** 5

**Direction:** South

**Subject:** Area B anomaly area identified by U.S. EPA ERT

**Date:** 12/8/09

**Photographer:** Randy Kirkland



**Site:** Monroe Transformer Site

**Photograph No.:** 6

**Direction:** North

**Subject:** WESTON START conducting excavation activities in Area A

**Date:** 12/16/09

**Photographer:** Randy Kirkland



**Site:** Monroe Transformer Site

**Photograph No.:** 7

**Date:** 12/16/09

**Direction:** Southeast

**Photographer:** Randy Kirkland

**Subject:** Bottom of Area A excavation containing amusement park debris



**Site:** Monroe Transformer Site

**Photograph No.:** 8

**Date:** 12/16/09

**Direction:** Northwest

**Photographer:** Randy Kirkland

**Subject:** WESTON START conducting excavation activities in Area B



**Site:** Monroe Transformer Site

**Photograph No.:** 9

**Direction:** Northwest

**Subject:** Debris located and removed during Area B excavation

**Date:** 12/16/09

**Photographer:** Randy Kirkland



**Site:** Monroe Transformer Site

**Photograph No.:** 10

**Direction:** Northwest

**Subject:** Bottom of Area B excavation

**Date:** 12/16/09

**Photographer:** Randy Kirkland



**Site:** Monroe Transformer Site

**Photograph No.:** 11

**Direction:** South

**Subject:** Area A upon completion of backfill operations

**Date:** 12/16/09

**Photographer:** Randy Kirkland



**Site:** Monroe Transformer Site

**Photograph No.:** 12

**Direction:** West

**Subject:** Area B upon completion of backfill operations

**Date:** 12/16/09

**Photographer:** Randy Kirkland

**ATTACHMENT D**  
**SAMPLING LOCATION MAP**



Great Miami  
River





MTS-S1-121609

MTS-S1-121609

Gregory  
Creek

Monroe, Butler County, Ohio

#### Legend

-  Site Boundary
-  Area A
-  Area B
-  Storage Shed

0 25 50 Feet

#### NOTES:

Image Source:  
Globe Xplorer



Prepared For:  
**U.S. EPA REGION V**  
Contract No.: EP-S5-06-04

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4710-A Interstate Drive  
Cincinnati, Ohio 45246

Attachment D  
Sampling Location Map  
Monroe Transformer Site  
Monroe, Butler County, Ohio



**ATTACHMENT E**

**ANALYTICAL RESULTS SUMMARY AND DATA VALIDATION REPORT**

**ATTACHMENT E**  
**ANALYTICAL RESULTS SUMMARY**  
**MONROE TRANSFORMER SITE**  
**MONROE, BUTLER COUNTY, OHIO**

Parameter	Regulatory Limit	Sample Designation	
		MTS-S1-121609	MTS-S2-121609
Total PCBs (mg/kg)	50		
Aroclor 1016		<0.110	<0.117
Aroclor 1221		<0.110	<0.117
Aroclor 1232		<0.110	<0.117
Aroclor 1242		<0.110	<0.117
Aroclor 1248		<0.110	<0.117
Aroclor 1254		0.295	<0.117
Aroclor 1260		<0.110	<0.117

Notes:

< = less than

mg/kg = Milligram per kilogram

PCB = Polychlorinated biphenyl

**MONROE TRANSFORMER SITE  
MIDDLETOWN, OHIO  
DATA VALIDATION REPORT**

**Date:** January 6, 2010

**Laboratory:** TestAmerica, Dayton, Ohio

**Laboratory Project #s:** DSL0792

**Data Validation Performed By:** Lisa Graczyk, Weston Solutions, Inc. (Weston) Superfund Technical and Response Team (START)

**Weston Analytical Work Order #/TDD #:** 20405.016.001.0862.00.00/S05-0001-0911-023

This data validation report has been prepared by Weston START under the START III Region V contract. This report documents the data validation for two soil samples collected for the Monroe Transformer Site that were analyzed for polychlorinated biphenyls (PCB) by U.S. Environmental Protection Agency (U.S. EPA) SW-846 Method 8082.

The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

**PCBs BY SW-846 METHOD 8082**

**1. Samples**

The following table summarizes the soil samples for which this data validation is being conducted.

<b>Sample ID</b>	<b>Lab Sample ID</b>	<b>Date Collected</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>
MTS-S1-121609	DSL0792-01	12/16/2009	12/17/2009	12/23/2009
MTS-S2-121609	DSL0792-02	12/16/2009	12/17/2009	12/23/2009

**2. Holding Times**

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

**3. Blank Results**

A method blank was analyzed with the samples and was free of target compound contamination.

4. **Surrogates**

The surrogate recoveries were within the laboratory-established percent recovery limits.

5. **Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results**

TestAmerica did not analyze MS and MSD samples with this work order; therefore, matrix interferences were not evaluated using the MS/MSD results. The MS and MSD percent recoveries and relative percent differences (RPD) were with quality control (QC) limits.

6. **Laboratory Control Sample (LCS) Results**

The LCS recoveries were within the laboratory-established QC limits.

7. **Laboratory Duplicate Results**

The laboratory duplicate results were within QC limits for RPD.

8. **Overall Assessment**

The data are acceptable for use based on the information received.

Data Validation Report  
Monroe Transformer Site  
TestAmerica  
Laboratory Project #s: DSL0792

**ATTACHMENT**

**TESTAMERICA**  
**RESULTS SUMMARY WITH QUALIFIERS**

December 23, 2009

Client:

Weston Solutions Inc. (Chicago, IL)  
20 North Wacker Drive, Suite 1210  
Chicago, IL 60606-2901

Attn: Lisa Graczyk

Work Order: DSL0792  
Project Name: Monroe Transformer  
Project Number: Monroe Transformer

Date Received: 12/16/09

**Samples logged in at Dayton laboratory.**

An executed copy of the Chain of Custody is also included as an addendum to this report.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at the number shown above.

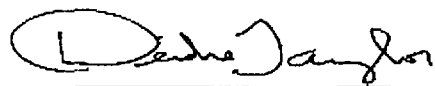
SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MTS-S1-121609	DSL0792-01	12/16/09 13:35
MTS-S2-121609	DSL0792-02	12/16/09 13:40

Ohio Certification Number: 4074, 857

*Reproduction of this analytical report is permitted only in its entirety. This report shall not be reproduced except in full without the written approval of the laboratory.*

*TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.*

Report Approved By:



This report has been electronically signed.

**TestAmerica Dayton**  
Deidre Taylor  
Project Manager

Weston Solutions Inc. (Chicago, IL)  
20 North Wacker Drive, Suite 1210  
Chicago, IL 60606-2901  
Lisa Graczyk

Work Order: DSL0792  
Project: Monroe Transformer  
Project Number: Monroe Transformer

Received: 12/16/09  
Reported: 12/23/09 17:27

## ANALYTICAL REPORT

Analyte	Sample Result	Data Qualifiers	Units	Rpt Limit	Dilution Factor	Date Analyzed	Analyst	Seq/ Batch	Method
Sample ID: DSL0792-01 (MTS-S1-121609 - Non-aqueous)					Sampled: 12/16/09 13:35		Recvd: 12/16/09 17:00		
General Chemistry Parameters									
% Solids	89.4		%	0.100	1	12/21/09 09:40	JLB	9120830	SW 846
Organochlorine Pesticides/PCBs									
PCB-1016	<0.110		mg/kg dry	0.110	1	12/23/09 04:34	JBP	9120731	SW 8082
PCB-1221	<0.110		mg/kg dry	0.110	1	12/23/09 04:34	JBP	9120731	SW 8082
PCB-1232	<0.110		mg/kg dry	0.110	1	12/23/09 04:34	JBP	9120731	SW 8082
PCB-1242	<0.110		mg/kg dry	0.110	1	12/23/09 04:34	JBP	9120731	SW 8082
PCB-1248	<0.110		mg/kg dry	0.110	1	12/23/09 04:34	JBP	9120731	SW 8082
PCB-1254	0.295		mg/kg dry	0.110	1	12/23/09 04:34	JBP	9120731	SW 8082
PCB-1260	<0.110		mg/kg dry	0.110	1	12/23/09 04:34	JBP	9120731	SW 8082
Surr: Tetrachloro-meta-xylene (10-127%)	76 %					12/23/09 04:34	JBP	9120731	SW 8082
Surr: Decachlorobiphenyl (10-149%)	75 %					12/23/09 04:34	JBP	9120731	SW 8082
Sample ID: DSL0792-02 (MTS-S2-121609 - Non-aqueous)					Sampled: 12/16/09 13:40		Recvd: 12/16/09 17:00		
General Chemistry Parameters									
% Solids	84.6		%	0.100	1	12/21/09 09:40	JLB	9120830	SW 846
Organochlorine Pesticides/PCBs									
PCB-1016	<0.117		mg/kg dry	0.117	1	12/23/09 04:54	JBP	9120731	SW 8082
PCB-1221	<0.117		mg/kg dry	0.117	1	12/23/09 04:54	JBP	9120731	SW 8082
PCB-1232	<0.117		mg/kg dry	0.117	1	12/23/09 04:54	JBP	9120731	SW 8082
PCB-1242	<0.117		mg/kg dry	0.117	1	12/23/09 04:54	JBP	9120731	SW 8082
PCB-1248	<0.117		mg/kg dry	0.117	1	12/23/09 04:54	JBP	9120731	SW 8082
PCB-1254	<0.117		mg/kg dry	0.117	1	12/23/09 04:54	JBP	9120731	SW 8082
PCB-1260	<0.117		mg/kg dry	0.117	1	12/23/09 04:54	JBP	9120731	SW 8082
Surr: Tetrachloro-meta-xylene (10-127%)	85 %					12/23/09 04:54	JBP	9120731	SW 8082
Surr: Decachlorobiphenyl (10-149%)	81 %					12/23/09 04:54	JBP	9120731	SW 8082

Weston Solutions Inc. (Chicago, IL)  
20 North Wacker Drive, Suite 1210  
Chicago, IL 60606-2901  
Lisa Graczyk

Work Order: DSL0792  
Project: Monroe Transformer  
Project Number: Monroe Transformer

Received: 12/16/09  
Reported: 12/23/09 17:27

## LABORATORY BLANK QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>Organochlorine Pesticides/PCBs</b>														
PCB-1016	9120731			g/kg wet w	N/A	0.0994	<0.0994							
PCB-1221	9120731			g/kg wet w	N/A	0.0994	<0.0994							
PCB-1232	9120731			g/kg wet w	N/A	0.0994	<0.0994							
PCB-1242	9120731			g/kg wet w	N/A	0.0994	<0.0994							
PCB-1248	9120731			g/kg wet w	N/A	0.0994	<0.0994							
PCB-1254	9120731			g/kg wet w	N/A	0.0994	<0.0994							
PCB-1260	9120731			g/kg wet w	N/A	0.0994	<0.0994							
Surrogate: Tetrachloro-meta-xylene	9120731			g/kg wet w					104		10-127			

Weston Solutions Inc. (Chicago, IL)  
20 North Wacker Drive, Suite 1210  
Chicago, IL 60606-2901  
Lisa Graczyk

Work Order: DSL0792  
Project: Monroe Transformer  
Project Number: Monroe Transformer

Received: 12/16/09  
Reported: 12/23/09 17:27

## LABORATORY DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>General Chemistry Parameters</b>													
<b>QC Source Sample: DSL0780-01</b>													
% Solids	9120830	23.1		%	N/A	0.100	22.6				2	20	
<b>QC Source Sample: DSL0792-01</b>													
% Solids	9120830	89.4		%	N/A	0.100	90.9				2	20	

Weston Solutions Inc. (Chicago, IL)  
20 North Wacker Drive, Suite 1210  
Chicago, IL 60606-2901  
Lisa Graczyk

Work Order: DSL0792  
Project: Monroe Transformer  
Project Number: Monroe Transformer

Received: 12/16/09  
Reported: 12/23/09 17:27

## LCS/LCS DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>Organochlorine Pesticides/PCBs</b>														
PCB-1016	9120731		0.495	g/kg wet w	N/A	0.0989	0.746		151		35-154			
PCB-1260	9120731		0.495	g/kg wet w	N/A	0.0989	0.673		136		22-171			
Surrogate: Tetrachloro-meta-xylene	9120731			g/kg wet w					108		10-127			

Weston Solutions Inc. (Chicago, IL)  
20 North Wacker Drive, Suite 1210  
Chicago, IL 60606-2901  
Lisa Graczyk

Work Order: DSL0792  
Project: Monroe Transformer  
Project Number: Monroe Transformer

Received: 12/16/09  
Reported: 12/23/09 17:27

## MATRIX SPIKE/MATRIX SPIKE DUPLICATE QC DATA

Analyte	Seq/ Batch	Source Result	Spike Level	Units	MDL	MRL	Result	Dup Result	% REC	Dup %REC	% REC Limits	RPD RPD	RPD Limit	Q
<b>Organochlorine Pesticides/PCBs</b>														
<b>QC Source Sample: DSL0714-01</b>														
PCB-1016	9120731	<0.10	0.584	ug/kg dry di	N/A	0.117	0.618	0.524	106	90	35-154	16	25	
PCB-1260	9120731	<0.10	0.584	ug/kg dry di	N/A	0.117	0.688	0.660	118	113	22-171	4	25	
Surrogate: Tetrachloro-meta-xylene	9120731			g/kg dry di					108	92	10-127			

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## CERTIFICATION SUMMARY

*Any abnormalities or departures from sample acceptance policy shall be documented on the Chain of Custody and/or Case Narrative included with this report.*

*For information concerning certifications of this facility or another TestAmerica facility, please visit our website at [www.TestAmericaInc.com](http://www.TestAmericaInc.com)*

*Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .*

## DATA QUALIFIERS AND DEFINITIONS

### ADDITIONAL COMMENTS

Results are reported on a wet weight basis unless otherwise noted.

### ANALYSIS LOCATIONS

The analyses listed below were analyzed in satellite facilities

05072 TestAmerica

**THE LEADER IN ENVIRONMENTAL TESTING**

Dayton, Ohio

**Regulatory program:**

☐ DW

☐ NPDES☐ RCRA☐ Other[illegible]

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## Cooler/Sample Receipt

- ☐ Discrepancies  
☐ Short Hold  
☐ Rush ☐ 24hr ☐ 2day ☐ 3day ☐ 5day ☐ Other

Client ID \_\_\_\_\_

Work Order # \_\_\_\_\_

Receipt evaluation performed by - Initials: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

### Method of Shipment:

- ☒ Walk-In Client  
☐ TestAmerica Field/Courier  
☐ Other Client/3<sup>rd</sup> Party Courier \_\_\_\_\_  
☐ Fed Ex Tracking # \_\_\_\_\_  
☐ UPS Tracking # \_\_\_\_\_  
☐ DHL Tracking # \_\_\_\_\_  
☐ Other \_\_\_\_\_

### Shipping Container Type:

- ☒ Cooler  
☐ Box  
☐ Other \_\_\_\_\_

### Custody Seals Intact:

- ☐ Yes  
☐ No  
☒ N/A (not used or required)

### Packing Materials:

- ☒ Plastic Bags  
☒ Bubble Wrap  
☐ Foam  
☐ Paper  
☐ Packing Peanuts  
☐ Vermiculite  
☐ Other \_\_\_\_\_

### Cooling Materials:

- ☒ Ice (solid)  
☐ Ice (Melted)  
☐ Blue Ice  
☐ Dry Ice  
☐ None  
☐ Other \_\_\_\_\_

**Are there any soil samples from areas requiring USDA quarantine?** (AL, AR, AZ, CA, FL, GA, HI, ID, LA, MS, NC, NM, NY, OK, SC, TN, TX, Puerto Rico, Virgin Islands, any other Non-Domestic area)  
☐ No ☐ Yes (If Yes, Project Manager must be notified).

### Receipt Temperatures

Thermometer ID	Observed (°C)	Corrected (°C)	Acceptable*	Direct from Field	Cooler ID	Note Affected Samples if temperature not acceptable
m	3.9	2.9	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		
			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

\* Samples out of temperature, but received directly from the field with signs that the cooling process had started are considered acceptable.

Receipt Questions**	Y	N	n/a	"No" answers require additional comment
COC present & TA receipt signature, date, & time properly documented?	<input checked="" type="checkbox"/>			
Containers in good condition? (unbroken, not leaking, & appropriately filled)	<input checked="" type="checkbox"/>			
Appropriate containers used & adequate volume provided?	<input checked="" type="checkbox"/>			
Correct preservation on the COC?	<input checked="" type="checkbox"/>			
Number of sample containers match COC?	<input checked="" type="checkbox"/>			
Samples received within hold time?	<input checked="" type="checkbox"/>			
VOA samples received without headspace in excess of 6 mm?			<input checked="" type="checkbox"/>	
Was a Trip Blank received with VOA samples?			<input checked="" type="checkbox"/>	
Was the COC free of all other discrepancies or issues that would need to be addressed with the Project Manager and/or Client?	<input checked="" type="checkbox"/>			

\*\* May not be applicable if samples are not for compliance testing

### Client Contact Record

Contact via: ☐ Phone ☐ Email ☐ Other \_\_\_\_\_ Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

☐ Discrepancy allowance agreement is on record in the client project file.

Discussion/Resolution:

Any additional documentation and clarification from client must be noted in the narrative and/or scanned into the COC directory.

Reviewed by PM Signature \_\_\_\_\_ Date \_\_\_\_\_

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